



# Japan-Mexico Training Program for the Strategic Global Partnership

**General information on  
Information Science and Engineering  
(情報科学・エンジニアリング)  
JFY 2022**

**Course No.: 20207331-J008**

**Course Period in Japan: From March 27, 2023 to October 25, 2023**

This information pertains to one of the JICA Knowledge Co-Creation Programs (Group & Region Focus) of the Japan International Cooperation Agency (JICA) implemented as part of the Official Development Assistance of the Government of Japan based on bilateral agreement between both Governments.

**JICA Knowledge Co-Creation Program (KCCP)**

The Japanese Cabinet released the Development Cooperation Charter in February 2015, which stated, *“In its development cooperation, Japan has maintained the spirit of jointly creating things that suit partner countries while respecting ownership, intentions and intrinsic characteristics of the country concerned based on a field-oriented approach through dialogue and collaboration. It has also maintained the approach of building reciprocal relationships with developing countries in which both sides learn from each other and grow and develop together.”* JICA believes that this ‘Knowledge Co-Creation Program’ will serve as a foundation of mutual learning process.

# I. Concept

## **Background**

In 1971, the Japan-Mexico Exchange Program has started, which mutually accepts students and young engineers from Mexico and Japan; in February 2010, based on the “Japan-Mexico Joint Statement Strategic Global Partnership in the 21<sup>st</sup> Century<sup>1</sup>”, the Exchange Program was renewed into the Japan-Mexico Training Program for the Strategic Global Partnership. This program contains long-term courses (between three months and twelve months’ period) and short-term courses (less than three months’ period). Currently, JICA accepts 50 Mexicans trainees annually under this scheme.

As we celebrate the 50th anniversary of this training program in 2021 with a value added of “Co-creation between Mexico and Japan”, the course line-up has been completely reviewed, taking into account the compatibility with the priority fields of PRONACES (National Strategy Program) set by the National Council of Science and Technology (CONACYT) in Mexico, to response strong needs in the areas such as infectious disease control due to pandemic of COVID-19, food security, ICT and digital transformation, and among others.

This training program aims to support Mexican human resource development through the implementation of training program based on the Japan-Mexico Joint Statement, thereby contributing to reinforcement of the Mexico-Japan Strategic Global Partnership.

## **For what?**

The purpose of the course is to give each trainee research opportunity in research laboratory in the Graduate School of Information Science and Engineering, Ritsumeikan University. The trainee is expected to be actively involved in the research activities under the guidance of a professor or advisor, and with students.

## **For whom?**

Applicants should have graduate degree in a certain scientific or engineering educational course of a university or an institute of technology, showing the certified list of subject items with the marks obtained in each subject.

## **How?**

For applicants who are planning to apply for this course of the Graduate School of Information Science and Engineering, Ritsumeikan University, please check the web site and find a supervising professor of your interest.

<http://en.ritsumei.ac.jp/gsise/professor/>.

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<sup>1</sup> [https://www.mofa.go.jp/announce/announce/2011/2/PDF/0222\\_02\\_01.pdf](https://www.mofa.go.jp/announce/announce/2011/2/PDF/0222_02_01.pdf)

## II. Description

**1. Title (Course No.202007331-J008)**

Information Science and Engineering

**2. Course Duration in Japan**

March 27 to October 25, 2023 (Technical Training Period: May 8 to October 24, 2023: five months)

27th March: Arrival in Japan

28th March to 7th May: Briefing, General Orientation and Intensive Japanese Language Class (@JICA Chubu Center)

8th May to 24th October: Technical Training Program (@Ritsumeikan University)

25th October: Departure from Japan

**3. Target Regions or Countries**

Mexico

**4. Eligible / Target Organization**

Those who belong to a central /local government, or private sector personnel in the area of information science and engineering at present, and have more than three-years of work experience.

**5. Capacity (Upper Limit of Participants)**

Five (5) participants

**6. Language**

English

**7. Objective(s)**

The purpose of the course is to give each trainee research opportunity in research laboratory in Graduate School of Information Science and Engineering, Ritsumeikan University. The trainee is expected to be actively involved in the research activity under the guidance of a professor or advisor, and with students.

**8. Overall Goal**

In order to contribute to the PRONACES, special attention was paid to contents selection of the course. For this particular case, due to the great variety of topics that could be developed, the expected results will be in the same way. For instance, the following strategic issues of the PRONACES such as "Health" and "Energy and Climate Change" have been identified that could be associated with the selected course.

The course is expected to contribute to the development of the aforementioned issues in Mexico.

## 9. Output and Contents

This course consists of the following components. Details on each component are given below.

The general orientation and Japanese language training program are organized at the Chubu International Center of JICA, prior to the technical training, in order to assist the participants in understanding Japanese way of thinking and adjusting themselves to life in Japan, and thus to facilitate effective training.

For applicants who are planning to apply for this course, please check the laboratory web site and find a supervising professor of your interest -over 50 laboratories available such as: Emergent System, Biological Information Engineering, Cyber Security, Semantic Communication, Reality Media, New Generation Computing, Social Intelligence, Intelligent Computer Entertainment, Data Engineering, Collaboration Design, Bio-robotics, Distributes and Collaborative Systems, Intelligent Robotic Systems, Social Intelligence, Communication and Interaction Design, Information Networking, etc.

<http://en.ritsumei.ac.jp/gsise/professor/>

### <Structure of the Course>

Topic outline (subject to minor changes)

Trainees conduct their own research activities in their assigned laboratory, receiving guidance from their supervising professors and joining a seminar. Please note that this training is for getting guidance on your research subject, not attending classes.

## III. Eligibility and Procedures

### 1. Expectations to the Applying Organizations

APPLICANTS MUST SUBMIT ANNEX WITH THE APPLICATION DOCUMENTS

- (1) Applicants should submit the certified list of subject items with the marks obtained in each subject issued by a university or an institute of technology.
- (2) Applicants should decide their order of preference of supervising professor 1st ~ 5th. Once an applicant decides, he/she should write the order of preference in annex sheet. This will be used only as a reference for the screening committee.
- (3) Applicants are required to answer the questions on annex sheet.

Note: Applicants should be capable enough to pursue any of the supervising professor's laboratory in order for the training institute to have a wider range of decision on screening. This is why any lack of preferences may result in an unsatisfactory application.

## **2. Nominee Qualifications**

Applying organizations are expected to select nominees who meet the following qualifications.

### **(1) Essential Qualifications**

- 1) Academic background: should have graduate degree in a certain scientific or engineering educational course of a university or an institute of technology, showing the certified list of subject items with the marks obtained in each subject.
- 2) Experience in the Relevant Field: have more than 3 years' experience in the field of RH as executive official/manager. Must have basic knowledge of information science, basic technology of network and system construction, and those who work in related fields.
- 3) Language Proficiency: have a competent command of spoken and written English proficiency equivalent to TOEFL iBT 100 or above (This workshop includes active participation in discussions, which requires high competence in English. Please attach an official certificate for English ability such as TOEFL, TOEIC etc., if possible)
- 4) Health: must be in good health both physically and mentally to participate in the program in Japan. To reduce the risk of worsening symptoms associated with respiratory tract infection, please be honest to declare in the Medical History. ※1 (QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION of the application form) if you have been a patient of following illnesses; Hypertension / Diabetes / Cardiovascular illness / Heart failure / Chronic respiratory illness.

※1: Considering the length of the course exceeds seven months and that during this period JICA could not offer proper health care assistance for periodical exams, medical appointments or eventual emergency care (if needed) required during gestation, pregnant applicants are not recommended to apply due to the potential risk of health and life issues of mother and fetus. Also, for the same reason, in case of the expected date of birth is during the course period, JICA could not accept the applicant, even if already selected.

### **(2) Recommended Qualifications**

- 1) Age: Under forty (40) years old.
- 2) Gender Equality and Women's Empowerment: Women are encouraged to apply for the program. JICA makes a commitment to promote gender equality and women's empowerment, providing equal opportunity for all applicants regardless of sexual orientation and gender identity.

### **3. Required Documents for Application**

**(1) Application Form:** The Application Form is available at **the JICA Mexico office**

\* If you have any difficulties/disabilities which require assistance, please specify necessary assistances in the QUESTIONNAIRE ON MEDICAL STATUS RESTRICTION (1-(c)) of the application form. Information will be reviewed and used for reasonable accommodation.

**(2) Photocopy of Passport:** You should submit it with the application form if you possess your passport which you will carry when entering Japan for this program. If not, you are requested to submit its photocopy as soon as you obtain it.

\*The following information should be included in the photocopy:

Name, Date of Birth, Nationality, Sex, Passport Number and Expiry Date

**(3) English Score Sheet:** to be submitted with the application form, if the nominees have any official English examination scores. (e.g., TOEFL, TOEIC, IELTS)

**(4) Questionnaire:** to be submitted with the application form. Fill in Annex of this General Information.

### **4. Procedures for Application and Selection**

#### **(1) Selection**

Primary screening is conducted at the CONACYT after receiving official documents from you. JICA Center will consult with concerned organizations in Japan in the process of final selection. Applying organizations with the best intentions to utilize the opportunity will be highly valued.

The Government of Japan will examine applicants who belong to the military or other military-related organizations and/or who are enlisted in the military, taking into consideration of their duties, positions in the organization and other relevant information in a comprehensive manner to be consistent with the Development Cooperation Charter of Japan.

#### **(2) Notice of Acceptance**

CONACYT will notify the results not later than December, 2022.

### **5. Conditions for Participation**

The participants of KCCP are required

**(1)** to strictly observe the course schedule,

**(2)** not to change the air ticket (and flight class and flight schedule arranged by JICA) and lodging by the participants themselves,

- (3) to understand that leaving Japan during the course period (to return to home country, etc.) is not allowed (except for programs longer than one year),
- (4) not to bring or invite any family members (except for programs longer than one year),
- (5) to carry out such instructions and abide by such conditions as may be stipulated by both the nominating Government and the Japanese Government in respect of the course,
- (6) to observe the rules and regulations of the program implementing partners to provide the program or establishments,
- (7) not to engage in political activities, or any form of employment for profit,
- (8) to discontinue the program, should the participants violate the Japanese laws or JICA's regulations, or the participants commit illegal or immoral conduct, or get critical illness or serious injury and be considered unable to continue the course. The participants shall be responsible for paying any cost for treatment of the said health conditions except for the medical care stipulated in (3) of "5. Expenses", "IV. Administrative Arrangements",
- (9) to return the total amount or a part of the expenditure for the KCCP depending on the severity of such violation, should the participants violate the laws and ordinances,
- (10) not to drive a car or motorbike, regardless of an international driving license possessed,
- (11) to observe the rules and regulations at the place of the participants' accommodation,
- (12) to refund allowances or other benefits paid by JICA in the case of a change in schedule.
- (13) In case of natural disaster or any possible contingency that makes unfeasible to conduct this course in Japan, it may be canceled.

## IV. Administrative Arrangements

### 1. Organizer (JICA Center in Japan)

(1) **Center:** Kansai Center

(2) **Program Officer:** Ms. NISHIJI Ayumi (Nishiji.Ayumi@jica.go.jp)

### 2. Implementing Partner

(1) **Name:** Ritsumeikan university

(2) **URL:** <http://en.ritsumei.ac.jp/>

### 3. Travel to Japan

(1) **Air Ticket:** In principle, JICA will arrange an economy-class round-trip ticket between an international airport designated by JICA.

(2) **Travel Insurance:** Coverage is from time of arrival up to departure in Japan. Thus traveling time outside Japan (include damaged baggage during the arrival flight to Japan) will not be covered.

### 4. Accommodation in Japan

Basically, JICA will arrange the following accommodation(s) for the participants in Japan: To be determined

### 5. Expenses

The following expenses in Japan will be provided by JICA

(1) Allowances for meals, living expenses, outfits, and shipping and stopover.

(2) Expenses for study tours (basically in the form of train tickets).

(3) Medical care for participants who become ill after arriving in Japan (the costs related to pre-existing illness, pregnancy, or dental treatment are not included).

(4) Expenses for program implementation, including materials.

(5) For more details, please see "III. ALLOWANCES" of the brochure for participants titled "KENSU-IN GUIDE BOOK," which will be given before departure for Japan.

\*Link to JICA HP (English/French/Spanish/Russian):

[https://www.jica.go.jp/english/our\\_work/types\\_of\\_assistance/tech/acceptance/training/index.html](https://www.jica.go.jp/english/our_work/types_of_assistance/tech/acceptance/training/index.html)

### 6. Pre-departure Orientation\*

A pre-departure orientation will be held at respective JICA Mexico office, to provide participants with details on travel to Japan, conditions of the course, and other matters.

\*YouTube of "Knowledge Co-Creation Program and Life in Japan" and "Introduction of JICA Center" are viewable from the link below.



Image videos of 'Introduction of JICA Center (YouTube)' show the following information of JICA Centers: Location, Building, Entrance, Reception(Front desk), Lobby, Office, Accommodation(Room), Amenities(Hand dryer), Bathroom(Shower and Toilet), Toiletries, Restaurant, Laundry Room(Washing machine, Iron), ICT Room(Computer for participants), Clinic, Cash dispenser, Gym, Neighborhood

<b>Part I: Knowledge Co-Creation Program and Life in Japan</b>	
English ver.	<a href="https://www.youtube.com/watch?v=SLurfKugrEw">https://www.youtube.com/watch?v=SLurfKugrEw</a>
Spanish ver.	<a href="https://www.youtube.com/watch?v=m7l-WIQSDjI">https://www.youtube.com/watch?v=m7l-WIQSDjI</a>
<b>Part II: Introduction of JICA Centers in Japan</b>	
JICA Hokkaido (Sapporo)	<a href="https://www.jica.go.jp/sapporo/english/office/index.html">https://www.jica.go.jp/sapporo/english/office/index.html</a>
JICA Hokkaido (Obihiro)	<a href="https://www.jica.go.jp/obihiro/english/office/index.html">https://www.jica.go.jp/obihiro/english/office/index.html</a>
JICA Tohoku	<a href="https://www.jica.go.jp/tohoku/english/office/index.html">https://www.jica.go.jp/tohoku/english/office/index.html</a>
JICA Tsukuba	<a href="https://www.jica.go.jp/tsukuba/english/office/index.html">https://www.jica.go.jp/tsukuba/english/office/index.html</a>
JICA Tokyo	<a href="https://www.jica.go.jp/tokyo/english/office/index.html">https://www.jica.go.jp/tokyo/english/office/index.html</a>
JICA Yokohama	<a href="https://www.jica.go.jp/yokohama/english/office/index.html">https://www.jica.go.jp/yokohama/english/office/index.html</a>
JICA Hokuriku	<a href="https://www.jica.go.jp/hokuriku/english/office/index.html">https://www.jica.go.jp/hokuriku/english/office/index.html</a>
JICA Chubu	<a href="https://www.jica.go.jp/chubu/english/office/index.html">https://www.jica.go.jp/chubu/english/office/index.html</a>
JICA Kansai	<a href="https://www.jica.go.jp/kansai/english/office/index.html">https://www.jica.go.jp/kansai/english/office/index.html</a>
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JICA Shikoku	<a href="https://www.jica.go.jp/shikoku/english/office/index.html">https://www.jica.go.jp/shikoku/english/office/index.html</a>
JICA Kyushu	<a href="https://www.jica.go.jp/kyushu/english/office/index.html">https://www.jica.go.jp/kyushu/english/office/index.html</a>
JICA Okinawa	<a href="https://www.jica.go.jp/okinawa/english/office/index.html">https://www.jica.go.jp/okinawa/english/office/index.html</a>

# VI. Annex

## ANNEX

### Japan-Mexico Training Program for the Strategic Global Partnership JFY 2022-2023

Full Name	
Where to contact	Tel. Fax. Email.
TOEFL Score	

Please refer to the website and write your preferred laboratories that you want to receive advice for your research.

Priority	Laboratory's name
1	
2	
3	
4	
5	

\* Please note that it is not guaranteed that you will be assigned to your preferred laboratory.

Describe the subject or research topic of your interest and explain what kind of skill you want to acquire through this training. Describe relationship between the subject or research topic and the laboratory you choose.
Explain your work experience
To participate in this course, <input type="checkbox"/> I quit my job <input type="checkbox"/> I keep my position at work <input type="checkbox"/> Others (                    )
Explain how you would like to use your training experience on your return to Mexico.

Describe yourself
After participating in this course, Do you wish to go on to the Graduate School of Information Science Engineering Master's and Doctoral programs of Ritsumeikan University?

You must attach the certified list of subject items with the marks obtained in each subject issued by the university or institute of technology that you graduated from.

## **For Your Reference**

**JICA and Capacity Development**

**11/14**

Technical cooperation is people-to-people cooperation that supports partner countries in enhancing their comprehensive capacities to address development challenges by their own efforts. Instead of applying Japanese technology per se to partner countries, JICA's technical cooperation provides solutions that best fit their needs by working with people living there. In the process, consideration is given to factors such as their regional characteristics, historical background, and languages. JICA does not limit its technical cooperation to human resources development; it offers multi-tiered assistance that also involves organizational strengthening, policy formulation, and institution building.

Implementation methods of JICA's technical cooperation can be divided into two approaches. One is overseas cooperation by dispatching experts and volunteers in various development sectors to partner countries; the other is domestic cooperation by inviting participants from developing countries to Japan. The latter method is the Knowledge Co-Creation Program, formerly called Training Program, and it is one of the core programs carried out in Japan. By inviting officials from partner countries and with cooperation from domestic partners, the Knowledge Co-Creation Program provides technical knowledge and practical solutions for development issues in participating countries.

The Knowledge Co-Creation Program (Group & Region Focus) has long occupied an important place in JICA operations. About 400 pre-organized courses cover a wide range of professional fields, ranging from education, health, infrastructure, energy, trade and finance, to agriculture, rural development, gender mainstreaming, and environmental protection. A variety of programs is being customized by the different target organizations to address the specific needs, such as policy-making organizations, service provision organizations, as well as research and academic institutions. Some programs are organized to target a certain group of countries with similar developmental challenges.

### **Japanese Development Experience**

Japan, as the first non-Western nation to become a developed country, built itself into a country that is free, peaceful, prosperous and democratic while preserving its tradition. Japan will serve as one of the best examples for our partner countries to follow in their own development.

From engineering technology to production management methods, most of the know-how that has enabled Japan to become what it is today has emanated from a process of adoption and adaptation, of course, has been accompanied by countless failures and errors behind the success stories.

Through Japan's progressive adaptation and application of systems, methods and technologies from the West in a way that is suited to its own circumstances, Japan has developed a storehouse of knowledge not found elsewhere from unique systems of organization, administration and personnel management to such social systems as the livelihood improvement approach and governmental organization. It is not easy to apply such

experiences to other countries where the circumstances differ, but the experiences can provide ideas and clues useful when devising measures to solve problems.

JICA, therefore, would like to invite as many leaders of partner countries as possible to come and visit us, to mingle with the Japanese people, and witness the advantages as well as the disadvantages of Japanese systems, so that integration of their findings might help them reach their developmental objectives.



**Contact Information for Inquiries**

For inquiries and further information, please contact the JICA Mexico office.

Further, address correspondence to:

**JICA Kansai Center (JICA KANSAI)**